

Title (en)

Acetic acid from ethane, ethylene and oxygen.

Title (de)

Essigsäure aus Äthan, Äthylen und Sauerstoff.

Title (fr)

L'acide acétique à partir de l'éthane, de l'éthylène et l'oxygène.

Publication

EP 0294845 A1 19881214 (EN)

Application

EP 88109312 A 19880610

Priority

US 6115087 A 19870612

Abstract (en)

A process for the higher selective production of acetic acid by the catalytic oxidation with oxygen of ethane, or ethylene, or mixtures thereof, in contact with a mixed catalyst composition containing (A) a calcined mixed oxides catalyst of the formula: MoxVyZz wherein Z represents nothing or a metal from a group of metals as hereinafter defined and (B) is an ethylene hydration catalyst and/or an ethylene oxidation catalyst.

IPC 1-7

C07C 53/08; **C07C 51/21**

IPC 8 full level

C07B 61/00 (2006.01); **B01J 23/28** (2006.01); **B01J 23/31** (2006.01); **B01J 23/88** (2006.01); **C07C 51/00** (2006.01); **C07C 51/215** (2006.01); **C07C 51/25** (2006.01); **C07C 53/08** (2006.01); **C07C 67/00** (2006.01)

CPC (source: EP US)

B01J 23/28 (2013.01 - EP US); **C07C 51/215** (2013.01 - EP US); **C07C 51/25** (2013.01 - EP US); **B01J 2523/00** (2013.01 - EP US); **Y02P 20/582** (2015.11 - EP US)

Citation (search report)

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